



Appl. No. 10/686,738
Amdt. Dated Sept. 1, 2005
Reply to Office Action of June 1, 2005
Replacement Sheet

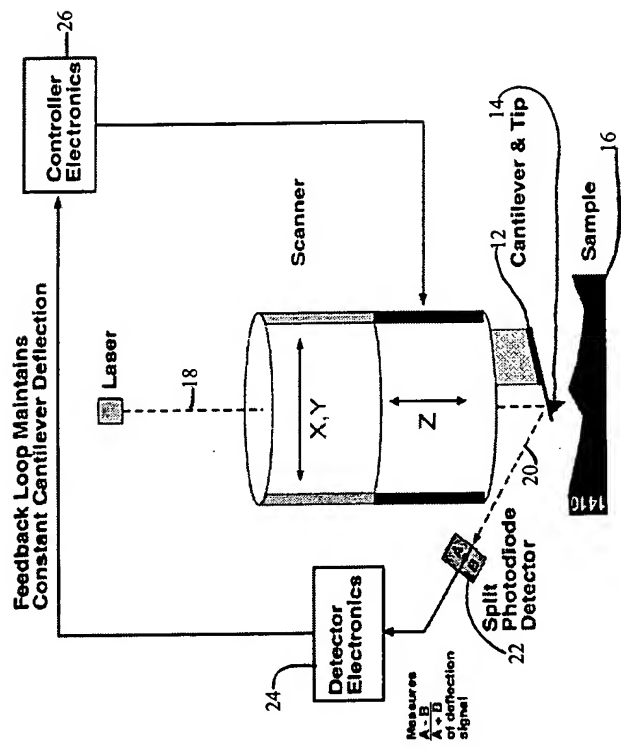


FIG. 1

PRIOR ART

FIG. 3

AFMAnalyze Options

38 Force-Distance Curve Analysis 39 Force Volume Analysis 40 Lateral Force Analysis

File Extension

☐ Show all files

☐ Show only *.txt files

☐ Show only *.asc files

☐ Other files

Tip Type

☒ Pyramidal Cantilever Tip

☐ Spherical Cantilever Tip

☐ Conical Cantilever Tip

Cantilever Parameters

48 Vertex inclination (deg) 35

49 Tip Radius (microns) 4.3

50 Cone Half-Angle (deg) 18

☒ Close All Figures

Manufacturer DIWebco 42

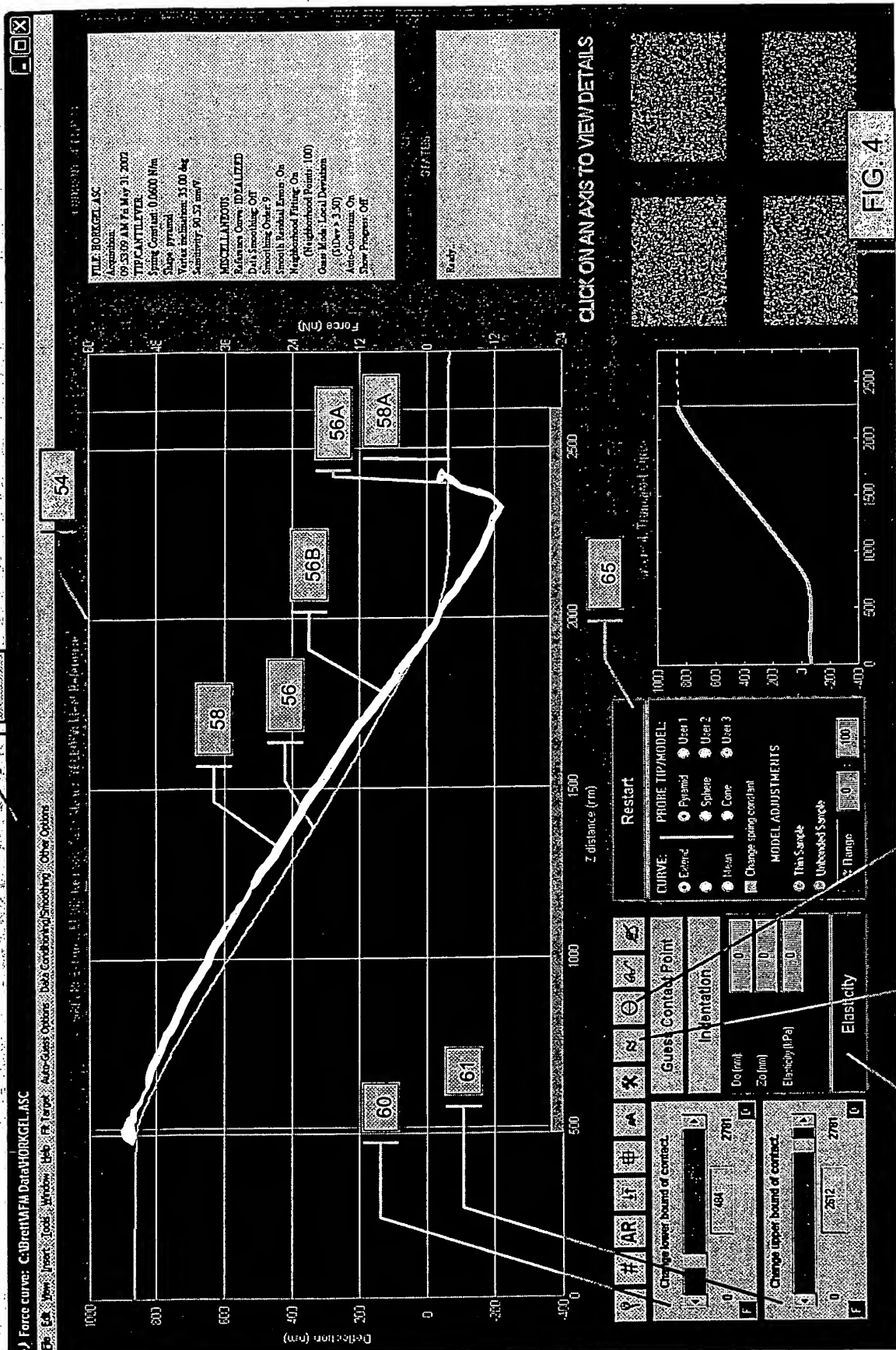
Software Version 4.3x / 4.4x 44

Start search in: C:\Brett\AFM Data

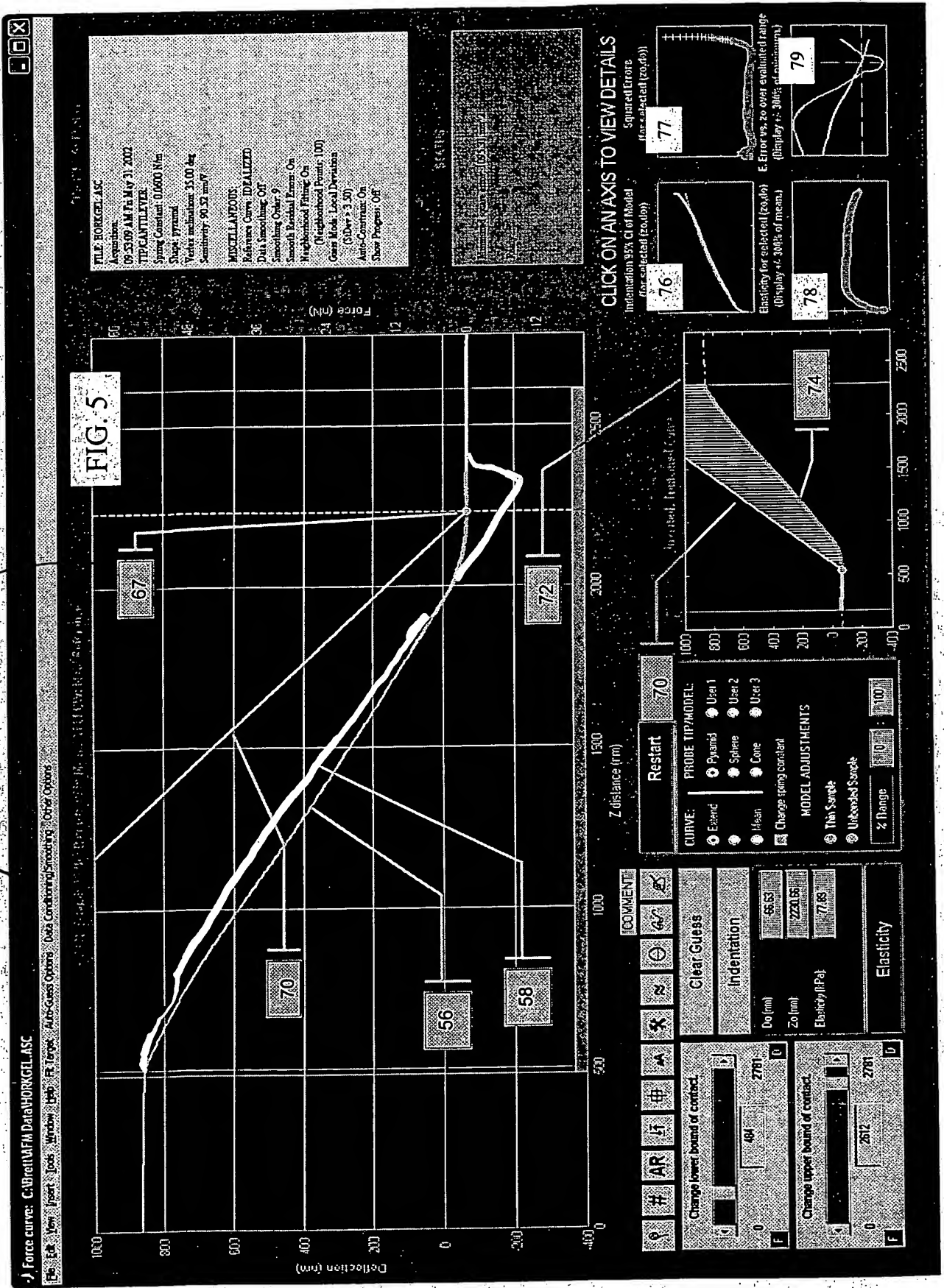
CONTINUE... 51

CANCEL

37



52 54

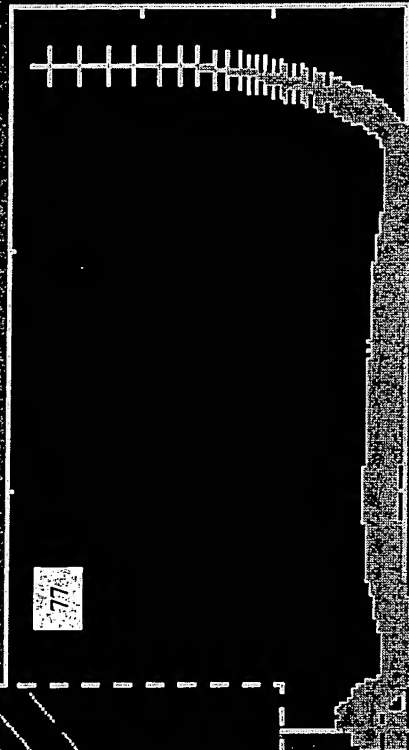
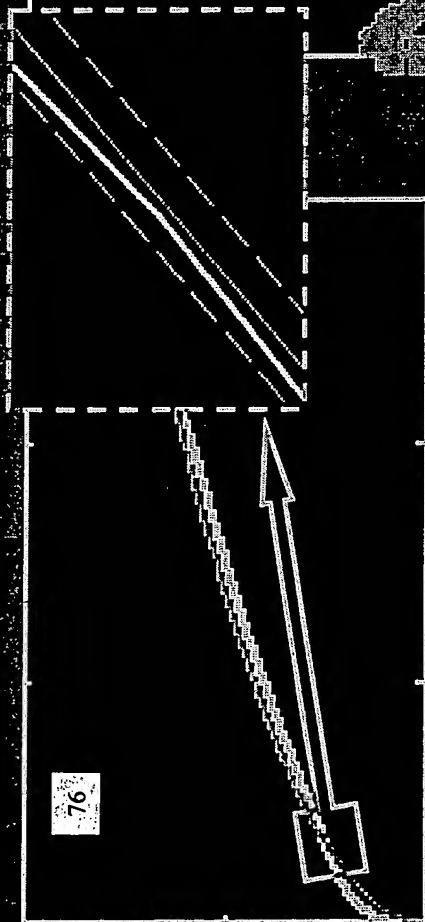


76A

CLICK ON AN AXIS TO VIEW DETAILS

Indentation: 95% CI of Model
(for selected (z0,10))

Squared Errors
(for selected (z0,10))



Elasticity for selected (z0,10) E, Error vs. z0 over evaluated range
(Display +/- 300% of mean.) (Display +/- 300% of minimum.)

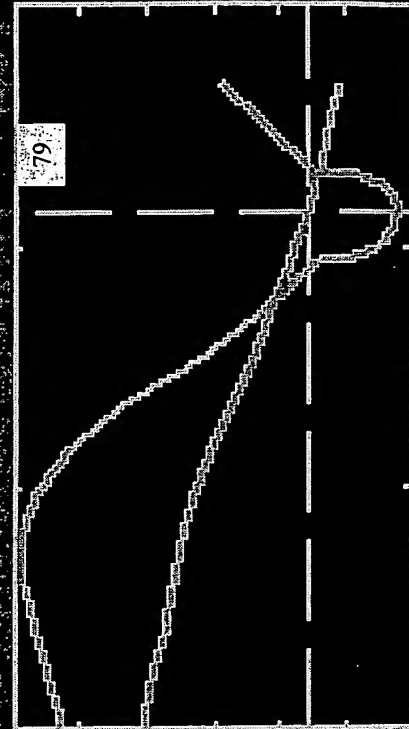
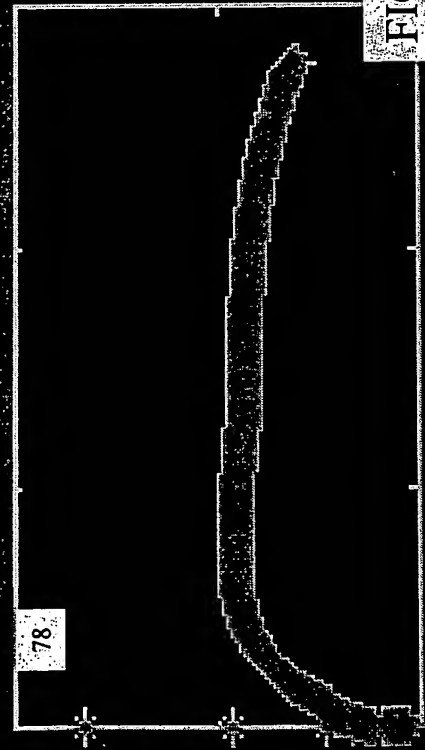


FIG. 6